

Eastern Research Group 601 Keystone Park Drive Suite 700 Morrisville, NC 27560

August 29, 2019

Ms. Doris Chen & Ms. Fran Verhalen U.S. Environmental Protection Agency - OAQPS 109 T.W. Alexander Drive, Mail Code: C304-06

RTP, NC 27709

Project Name: Chloroprene

Dear Ms. Doris Chen & Ms. Fran Verhalen,

This report contains the analytical results for the sample(s) received under chain(s) of custody by Eastern Research Group on 07/25/19 11:06 through 08/19/19 10:08.

The test results in this report are in compliance with NELAC accreditation requirements for the certified parameters. All analyses were performed as described in the US EPA-approved QAPP, under the contract for UATMP, NATTS, CSATAM, PAMS and NMOC support (US EPA Contract No. EP-D-14-030). This cover page is an integral part of this report, and any exceptions or comments are noted on the last page.

Release of the data contained in this data package and in the data submitted in the electronic data deliverable, has been authorized by the Program Manager, or the Program Manager's designee as verified by the following signature.

The issuance of the final Certificate of Analysis takes precedence over any previous Report. If you have any questions, please contact me at 919-468-7924.

Sincerely,

Julie Swift Program Manager julie.swift@erg.com

The information contained in this report and its attachment(s) are intended only for the use of the individual to whom it is addressed and may contain information that is privileged, confidential, or exempt from disclosure. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this report is strictly prohibited. If you have received this report in error, please notify julie.swift@erg.com and delete the report without retaining any copies.



U.S. Environmental Protection Agency - OAQPS

109 T.W. Alexander Drive, Mail Code: C304-C

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 08/29/19 09:17

SUBMITTED: 07/25/19 to 08/19/19

AQS SITE CODE:

SITE CODE: Chloroprene

ANALYTICAL REPORT FOR SAMPLES

<u>SampleName</u>	<u>LabNumber</u>	<u>Matrix</u>	<u>Sampled</u>	Received
Fifth Ward Elementary School	9072501-01	Air	07/22/19 14:40	07/25/19 11:06
238 Chad Baker	9072501-02	Air	07/22/19 14:43	07/25/19 11:06
Acorn and Hwy 44	9072501-03	Air	07/22/19 14:33	07/25/19 11:06
Levee	9072501-04	Air	07/22/19 14:37	07/25/19 11:06
Ochsner Hospital	9072501-05	Air	07/22/19 14:22	07/25/19 11:06
East St. John the Baptist Hig	9072501-06	Air	07/22/19 14:16	07/25/19 11:06
East St. John the Baptist Hig	9072501-07	Air	07/22/19 14:16	07/25/19 11:06
Acorn and Hwy 44	9073109-01	Air	07/28/19 15:26	07/31/19 10:17
Ochsner Hospital	9073109-02	Air	07/28/19 15:17	07/31/19 10:17
Levee	9073109-03	Air	07/28/19 15:30	07/31/19 10:17
238 Chad Baker	9073109-04	Air	07/28/19 15:37	07/31/19 10:17
Fifth Ward Elementary School	9073109-05	Air	07/28/19 15:34	07/31/19 10:17
East St. John the Baptist Hig	9073109-06	Air	07/28/19 15:11	07/31/19 10:17
East St. John the Baptist Hig	9073109-07	Air	07/28/19 15:11	07/31/19 10:17
Ochsner Hospital	9080620-01	Air	08/03/19 13:21	08/06/19 09:30
238 Chad Baker	9080620-02	Air	08/03/19 13:36	08/06/19 09:30
East St. John the Baptist Hig	9080620-03	Air	08/03/19 13:17	08/06/19 09:30
Fifth Ward Elementary School	9080620-04	Air	08/03/19 13:33	08/06/19 09:30
Acorn and Hwy 44	9080620-05	Air	08/03/19 13:27	08/06/19 09:30
Levee C1	9080620-06	Air	08/03/19 13:30	08/06/19 09:30
Levee C2	9080620-07	Air	08/03/19 13:30	08/06/19 09:30
Fifth Ward Elementary School	9081343-01	Air	08/09/19 14:05	08/13/19 09:57
East St. John the Baptist Hig	9081343-02	Air	08/09/19 13:41	08/13/19 09:57

Eastern Research Group

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AQS SITE CODE:

REPORTED: 08/29/19 09:17

SUBMITTED: 07/25/19 to 08/19/19

U.S. Environmental Protection Agency - OAQPS

109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 FAX: -			SITE CODE:	Chloroprene	
Acorn and Hwy 44	9081343-03	Air	08/09/19 13:58	08/13/19 09:57	
Levee	9081343-04	Air	08/09/19 14:02	08/13/19 09:57	
238 Chad Baker	9081343-05	Air	08/09/19 14:09	08/13/19 09:57	
Ochsner Hospital C1	9081343-06	Air	08/09/19 13:51	08/13/19 09:57	
Ochsner Hospital C2	9081343-07	Air	08/09/19 13:51	08/13/19 09:57	
Fifth Ward Elementary School	9081943-01	Air	08/15/19 14:59	08/19/19 10:08	
Levee C1	9081943-02	Air	08/15/19 14:56	08/19/19 10:08	
Levee C2	9081943-03	Air	08/15/19 14:56	08/19/19 10:08	
East St. John the Baptist Hig	9081943-04	Air	08/15/19 14:35	08/19/19 10:08	
Ochsner Hospital	9081943-05	Air	08/15/19 14:39	08/19/19 10:08	
Acorn and Hwy 44	9081943-06	Air	08/15/19 14:52	08/19/19 10:08	
238 Chad Baker	9081943-07	Air	08/15/19 15:02	08/19/19 10:08	



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RTP, NC 27709

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PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 08/29/19 09:17

SUBMITTED: 07/25/19 to 08/19/19

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 Fifth Ward Elementary School
 Lab ID: 9072501-01
 Sampled: 07/22/19 14:40

 Pressure @ Receipt:
 8.50" Hg
 Canister #: SAT054
 Received: 07/25/19 11:06

 Comments:
 PR-29 Start 14:40 7/21/19
 Analyzed: 08/05/19 14:25

Air Toxics by EPA Compendium Method TO-15

<u>Results</u>

MDL

Analyte
Chloroprene

ppbv ug/m³ 0.0371 0.14 <u>Flag</u>

<u>ppbv</u> 0.00858



U.S. Environmental Protection Agency - OAQPS

109 T.W. Alexander Drive, Mail Code: C304-C

RTP, NC 27709

Analyte

Chloroprene

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 08/29/19 09:17

SUBMITTED: 07/25/19 to 08/19/19

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 238 Chad Baker
 Lab ID:
 9072501-02
 Sampled: 07/22/19 14:43

 Pressure @ Receipt:
 9.00" Hg
 Canister #:
 A21074
 Received: 07/25/19 11:06

 Comments:
 PR-27 Start 14:43 7/21/19
 Analyzed: 08/05/19 15:28

Air Toxics by EPA Compendium Method TO-15

 Results
 MDL

 ppbv
 ug/m³
 Flag
 ppbv

 0.124
 0.45
 0.00858

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109 T.W. Alexander Drive, Mail Code: C304-0

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ATTN: Ms. Doris Chen & Ms. Fran Verhalen

Comments: PR-33 Start 14:33 7/21/19

PHONE: (919) 541-4957 **FAX:** - **Description:** Acorn and Hwy 44

Pressure @ Receipt: 10.00" Hg

SUBMITTED: 07/25/19 to 08/19/19 **AQS SITE CODE:**

SITE CODE: Chloroprene

REPORTED: 08/29/19 09:17

Lab ID: 9072501-03 **Sampled:** 07/22/19 14:33

FILE #: 0344.00

Analyzed: 08/05/19 16:32

Received: 07/25/19 11:06

Air Toxics by EPA Compendium Method TO-15

Results

<u>MDL</u>

Canister #: 5007

 Analyte
 ppbv
 ug/m³
 Flag
 ppbv

 Chloroprene
 0.398
 1.44
 0.00858

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RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 08/29/19 09:17

SUBMITTED: 07/25/19 to 08/19/19

AQS SITE CODE:

SITE CODE: Chloroprene

Description: Levee Lab ID: 9072501-04 Sampled: 07/22/19 14:37 **Canister #:** A21077 Pressure @ Receipt: 10.50" Hg Received: 07/25/19 11:06 **Comments:** PR-28 Start 14:37 7/21/19 **Analyzed:** 08/05/19 17:35

Air Toxics by EPA Compendium Method TO-15

Results

MDL

Analyte Chloroprene

ppbv ug/m³ 0.0488

0.18

<u>Flag</u>

ppbv 0.00858



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109 T.W. Alexander Drive, Mail Code: C304-C

RTP, NC 27709

Analyte

Chloroprene

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 08/29/19 09:17

SUBMITTED: 07/25/19 to 08/19/19

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 Ochsner Hospital
 Lab ID:
 9072501-05
 Sampled: 07/22/19 14:22

 Pressure @ Receipt:
 9.50" Hg
 Canister #:
 SAT140
 Received: 07/25/19 11:06

 Comments:
 PR-18 Start 14:20 7/21/19
 Analyzed: 08/05/19 18:39

Air Toxics by EPA Compendium Method TO-15

0.00858

Results MDL ppbv ug/m³ Flag ppbv

3.12

0.860



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109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

Analyte

Chloroprene

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 08/29/19 09:17

SUBMITTED: 07/25/19 to 08/19/19

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 East St. John the Baptist High
 Lab ID:
 9072501-06
 Sampled: 07/22/19 14:16

 Pressure @ Receipt:
 9.00" Hg
 Canister #:
 18818
 Received: 07/25/19 11:06

 Comments:
 Col 1 PR-24 Start 14:15 7/21/19
 Analyzed: 08/05/19 19:43

Air Toxics by EPA Compendium Method TO-15

0.00858

Results MDL ppbv ug/m³ Flag ppbv

0.89

0.245

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109 T.W. Alexander Drive, Mail Code: C304-C

RTP, NC 27709

Analyte

Chloroprene

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 08/29/19 09:17

SUBMITTED: 07/25/19 to 08/19/19

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 East St. John the Baptist High
 Lab ID:
 9072501-07
 Sampled: 07/22/19 14:16

 Pressure @ Receipt:
 9.00" Hg
 Canister #:
 SAT076
 Received: 07/25/19 11:06

 Comments:
 Col 2 PR-26 Start 14:15 7/21/19
 Analyzed: 08/05/19 21:50

Air Toxics by EPA Compendium Method TO-15

 Results
 MDL

 ppbv
 ug/m³
 Flag
 ppbv

 0.207
 0.75
 0.00858



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PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 08/29/19 09:17

SUBMITTED: 07/25/19 to 08/19/19

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 Acorn and Hwy 44
 Lab ID:
 9073109-01
 Sampled: 07/28/19 15:26

 Pressure @ Receipt:
 8.50" Hg
 Canister #:
 A21108
 Received:
 07/31/19 10:17

 Comments:
 PR-33 Start 14:54 7/27/19
 Analyzed:
 08/05/19 23:57

Air Toxics by EPA Compendium Method TO-15

Results ppbv ug/m³ MDL

Analyte
Chloroprene

0.0126 0.05

<u>Flag</u>

<u>ppbv</u> 0.00858



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FILE #: 0344.00

REPORTED: 08/29/19 09:17

SUBMITTED: 07/25/19 to 08/19/19

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 Ochsner Hospital
 Lab ID:
 9073109-02
 Sampled: 07/28/19 15:17

 Pressure @ Receipt:
 10.00" Hg
 Canister #:
 5044
 Received: 07/31/19 10:17

 Comments:
 PR-18 Start 14:48 7/27/19
 Analyzed: 08/06/19 01:00

Air Toxics by EPA Compendium Method TO-15

Results

<u>MDL</u>

Analyte ppbv
Chloroprene 0.0528

ppbv ug/m³ 0.0528 0.19 <u>Flag</u>

<u>ppbv</u> 0.00858



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109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 08/29/19 09:17

SUBMITTED: 07/25/19 to 08/19/19

AQS SITE CODE:

SITE CODE: Chloroprene

Description: Levee Lab ID: 9073109-03 Sampled: 07/28/19 15:30 **Canister #:** A21080 Pressure @ Receipt: 10.50" Hg Received: 07/31/19 10:17 **Comments:** PR-28 Start 14:58 7/27/19 **Analyzed:** 08/06/19 02:04

Air Toxics by EPA Compendium Method TO-15

Results

MDL

Analyte Chloroprene

ppbv ug/m³ 0.0485

0.18

<u>Flag</u> ppbv 0.00858



U.S. Environmental Protection Agency - OAQPS

109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

Analyte

Chloroprene

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 08/29/19 09:17

SUBMITTED: 07/25/19 to 08/19/19

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 238 Chad Baker
 Lab ID:
 9073109-04
 Sampled: 07/28/19 15:37

 Pressure @ Receipt:
 8.00" Hg
 Canister #:
 19657
 Received: 07/31/19 10:17

 Comments:
 PR-27 Start 15:05 7/27/19
 Analyzed: 08/06/19 03:06

Air Toxics by EPA Compendium Method TO-15

0.00858

Results MDL ppbv ug/m³ Flag ppbv

2.09

0.577

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109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

Description: Fifth Ward Elementary School

Comments: PR-29 Start 15:02 7/27/19

PHONE: (919) 541-4957 **FAX:** -

Pressure @ Receipt: 8.00" Hg

FILE #: 0344.00

REPORTED: 08/29/19 09:17

SUBMITTED: 07/25/19 to 08/19/19

AQS SITE CODE:

SITE CODE: Chloroprene

 Lab ID:
 9073109-05
 Sampled: 07/28/19 15:34

 Canister #:
 A21047
 Received: 07/31/19 10:17

 Analyzed:
 08/06/19 04:09

Air Toxics by EPA Compendium Method TO-15



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109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 08/29/19 09:17

SUBMITTED: 07/25/19 to 08/19/19

AQS SITE CODE:

SITE CODE: Chloroprene

Description: East St. John the Baptist High Lab ID: 9073109-06 **Sampled:** 07/28/19 15:11 Pressure @ Receipt: 8.50" Hg **Canister #: 2240 Received:** 07/31/19 10:17 Comments: Col 1 PR-24 Start 14:42 7/27/19 **Analyzed:** 08/06/19 05:13

Air Toxics by EPA Compendium Method TO-15

Results

MDL

Analyte Chloroprene

ppbv ug/m³ 0.0982

0.36

<u>Flag</u>

ppbv 0.00858



U.S. Environmental Protection Agency - OAQPS

109 T.W. Alexander Drive, Mail Code: C304-0

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ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 08/29/19 09:17

SUBMITTED: 07/25/19 to 08/19/19

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 East St. John the Baptist High
 Lab ID:
 9073109-07
 Sampled: 07/28/19 15:11

 Pressure @ Receipt:
 8.50" Hg
 Canister #:
 SAT095
 Received: 07/31/19 10:17

 Comments:
 Col 2 PR-26 Start 14:42 7/27/19
 Analyzed: 08/06/19 07:19

Air Toxics by EPA Compendium Method TO-15

<u>Results</u>

<u>MDL</u>

Analyte
Chloroprene

ppbv ug/m³ 0.0940 0.34 <u>Flag</u>

<u>ppbv</u> 0.00858

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109 T.W. Alexander Drive, Mail Code: C304-C

RTP, NC 27709

Analyte

Chloroprene

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

Description: Ochsner Hospital

Pressure @ Receipt: 8.50" Hg

Comments: PR-18 Start 12:30 8/2/19

FILE #: 0344.00

REPORTED: 08/29/19 09:17

SUBMITTED: 07/25/19 to 08/19/19

AQS SITE CODE:

SITE CODE: Chloroprene

 Lab ID:
 9080620-01
 Sampled: 08/03/19 13:21

 Canister #:
 SAT131
 Received: 08/06/19 09:30

 Analyzed:
 08/15/19 13:22

Air Toxics by EPA Compendium Method TO-15

Results ppbv ug/m³ MDL

0.426

1.55

<u>Flag</u>

<u>ppbv</u> 0.00858



FILE #: 0344.00

AQS SITE CODE:

SITE CODE:

REPORTED: 08/29/19 09:17

SUBMITTED: 07/25/19 to 08/19/19

U.S. Environmental Protection Agency - OAQPS

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RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

Description: 238 Chad Baker

Pressure @ Receipt: 8.50" Hg

Comments: PR-27 Start 12:48 8/2/19

9080620-02

Canister #: SAT041

Chloroprene

Sampled: 08/03/19 13:36 Received: 08/06/19 09:30

Analyzed: 08/15/19 14:26

Air Toxics by EPA Compendium Method TO-15 MDL

Results ppbv ug/m³

<u>Flag</u>

Analyte Chloroprene

ND

ND

Lab ID:

ppbv 0.00858



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RTP, NC 27709

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PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 08/29/19 09:17

SUBMITTED: 07/25/19 to 08/19/19

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 East St. John the Baptist High
 Lab ID:
 9080620-03
 Sampled: 08/03/19 13:17

 Pressure @ Receipt:
 9.00" Hg
 Canister #:
 5065
 Received: 08/06/19 09:30

 Comments:
 PR-24 Start 12:24 8/2/19
 Analyzed: 08/15/19 15:30

Air Toxics by EPA Compendium Method TO-15

<u>Results</u>

<u>MDL</u>

Analyte
Chloroprene

ppbv ug/m³

0.0154

0.06

<u>Flag</u>

<u>ppbv</u> 0.00858



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ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

Pressure @ Receipt: 9.00" Hg

Comments: PR-29 Start 12:45 8/2/19

FILE #: 0344.00

REPORTED: 08/29/19 09:17

SUBMITTED: 07/25/19 to 08/19/19

AQS SITE CODE:

SITE CODE: Chloroprene

Description: Fifth Ward Elementary School Lab ID: 9080620-04 Sampled: 08/03/19 13:33 **Canister #:** 5053 Received: 08/06/19 09:30 **Analyzed:** 08/15/19 16:34

Air Toxics by EPA Compendium Method TO-15

Results

MDL

Analyte Chloroprene

ppbv ug/m³ 0.0505

0.18

<u>Flag</u> ppbv 0.00858



U.S. Environmental Protection Agency - OAQPS

109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -**Description:** Acorn and Hwy 44

Pressure @ Receipt: 9.00" Hg

Comments: PR-33 Start 12:37 8/2/19

9080620-05

Canister #: A21073

SITE CODE:

FILE #: 0344.00

AQS SITE CODE:

REPORTED: 08/29/19 09:17

SUBMITTED: 07/25/19 to 08/19/19

Chloroprene

Sampled: 08/03/19 13:27

Received: 08/06/19 09:30

Analyzed: 08/15/19 17:38

Air Toxics by EPA Compendium Method TO-15

Results ppbv ug/m³

0.71

0.195

<u>Flag</u>

Lab ID:

MDL ppbv 0.00858

Analyte

Chloroprene

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Page 22 of 41



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Analyte

Chloroprene

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 FAX: -

FILE #: 0344.00

REPORTED: 08/29/19 09:17

SUBMITTED: 07/25/19 to 08/19/19

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 Levee C1
 Lab ID:
 9080620-06
 Sampled: 08/03/19 13:30

 Pressure @ Receipt:
 10.00" Hg
 Canister #:
 SAT183
 Received: 08/06/19 09:30

 Comments:
 Col 1 PR-28 Start 12:41 8/2/19
 Analyzed: 08/15/19 18:43

Air Toxics by EPA Compendium Method TO-15

 Results
 MDL

 ppbv
 ug/m³
 Flag
 ppbv

 0.175
 0.64
 0.00858



 $\hbox{U.S. Environmental Protection Agency - OAQPS}\\$

109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

Analyte

Chloroprene

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 08/29/19 09:17

SUBMITTED: 07/25/19 to 08/19/19

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 Levee C2
 Lab ID:
 9080620-07
 Sampled: 08/03/19 13:30

 Pressure @ Receipt:
 9.50" Hg
 Canister #:
 5103
 Received:
 08/06/19 09:30

 Comments:
 Col 2 PR-26 Start 12:41 8/2/19
 Analyzed:
 08/15/19 20:52

Air Toxics by EPA Compendium Method TO-15

 Results
 MDL

 ppbv
 ug/m³
 Flag
 ppbv

 0.176
 0.64
 0.00858



 $\hbox{U.S. Environmental Protection Agency - OAQPS}\\$

109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 08/29/19 09:17

SUBMITTED: 07/25/19 to 08/19/19

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 Fifth Ward Elementary School
 Lab ID:
 9081343-01
 Sampled: 08/09/19 14:05

 Pressure @ Receipt:
 8.50" Hg
 Canister #:
 SAT011
 Received: 08/13/19 09:57

 Comments:
 PR-29 Start 14:04 8/8/19
 Analyzed: 08/15/19 23:00

Air Toxics by EPA Compendium Method TO-15



 $\hbox{U.S. Environmental Protection Agency - OAQPS}\\$

109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

Description: East St. John the Baptist High

Comments: PR-24 Start 13:40 8/8/19

PHONE: (919) 541-4957 **FAX:** -

Pressure @ Receipt: 9.50" Hg

FILE #: 0344.00

REPORTED: 08/29/19 09:17

SUBMITTED: 07/25/19 to 08/19/19

AQS SITE CODE:

SITE CODE: Chloroprene

 Lab ID:
 9081343-02
 Sampled: 08/09/19 13:41

 Canister #:
 5017
 Received: 08/13/19 09:57

 Analyzed:
 08/16/19 00:05

Air Toxics by EPA Compendium Method TO-15



U.S. Environmental Protection Agency - OAQPS

109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

Analyte

Chloroprene

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

Description: Acorn and Hwy 44

Pressure @ Receipt: 9.50" Hg

Comments: PR-33 Start 13:57 8/8/19

Lab ID: 9081343-03

Canister #: SAT176

SITE CODE: Chloroprene

REPORTED: 08/29/19 09:17

SUBMITTED: 07/25/19 to 08/19/19

FILE #: 0344.00

AQS SITE CODE:

Sampled: 08/09/19 13:58 Received: 08/13/19 09:57

Analyzed: 08/16/19 01:09

Air Toxics by EPA Compendium Method TO-15 MDL

Results ppbv ug/m³

1.69

0.466

<u>Flag</u>

ppbv 0.00858

Eastern Research Group

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U.S. Environmental Protection Agency - OAQPS

109 T.W. Alexander Drive, Mail Code: C304-C

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 08/29/19 09:17

SUBMITTED: 07/25/19 to 08/19/19

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 Levee
 Lab ID:
 9081343-04
 Sampled: 08/09/19 14:02

 Pressure @ Receipt:
 11.00" Hg
 Canister #:
 A21069
 Received:
 08/13/19 09:57

 Comments:
 PR-28 Start 14:01 8/8/19 Past 30 day can cleaning
 Analyzed:
 08/16/19 02:13

Air Toxics by EPA Compendium Method TO-15



U.S. Environmental Protection Agency - OAQPS

109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

Description: 238 Chad Baker Pressure @ Receipt: 8.00" Hg

Comments: PR-27 Start 14:08 8/8/19

FILE #: 0344.00

REPORTED: 08/29/19 09:17

SUBMITTED: 07/25/19 to 08/19/19

AQS SITE CODE:

SITE CODE: Chloroprene

> Sampled: 08/09/19 14:09 **Received:** 08/13/19 09:57

Analyzed: 08/16/19 03:17

Air Toxics by EPA Compendium Method TO-15

9081343-05

Results ppbv ug/m³

<u>Flag</u>

Canister #: N4098

MDL ppbv

Analyte Chloroprene

ND

ND

Lab ID:

0.00858



U.S. Environmental Protection Agency - OAQPS

109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

Analyte

Chloroprene

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

Description: Ochsner Hospital C1 Pressure @ Receipt: 9.50" Hg

Comments: Col 1 PR-18 Start 13:50 8/8/19

FILE #: 0344.00

REPORTED: 08/29/19 09:17

SUBMITTED: 07/25/19 to 08/19/19

AQS SITE CODE:

SITE CODE: Chloroprene

> **Sampled:** 08/09/19 13:51 Received: 08/13/19 09:57

Analyzed: 08/16/19 04:22

Air Toxics by EPA Compendium Method TO-15

MDL

9081343-06

Results ppbv ug/m³

<u>Flag</u>

Canister #: N4080

Lab ID:

0.366

1.33

ppbv 0.00858



U.S. Environmental Protection Agency - OAQPS

109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 08/29/19 09:17

SUBMITTED: 07/25/19 to 08/19/19

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 Ochsner Hospital C2
 Lab ID:
 9081343-07
 Sampled: 08/09/19 13:51

 Pressure @ Receipt:
 9.50" Hg
 Canister #:
 SAT002
 Received:
 08/13/19 09:57

 Comments:
 Col 2 PR-26 Start 13:50 8/8/19
 Analyzed:
 08/16/19 06:30

Air Toxics by EPA Compendium Method TO-15

 Results
 MDL

 Analyte
 ppbv
 ug/m³
 Flag
 ppbv

 Chloroprene
 0.366
 1.33
 0.00858



U.S. Environmental Protection Agency - OAQPS

109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

Description: Fifth Ward Elementary School

Comments: PR-29 Start 14:44 8/14/19

PHONE: (919) 541-4957 **FAX:** -

Pressure @ Receipt: 8.50" Hg

FILE #: 0344.00

REPORTED: 08/29/19 09:17

SUBMITTED: 07/25/19 to 08/19/19

AQS SITE CODE:

SITE CODE: Chloroprene

Lab ID: 9081943-01 Sampled: 08/15/19 14:59 **Canister #:** 18873 **Received:** 08/19/19 10:08 **Analyzed:** 08/19/19 17:02

Air Toxics by EPA Compendium Method TO-15

Results

MDL

Analyte Chloroprene ppbv ug/m³ 0.154

0.56

<u>Flag</u>

ppbv 0.00858



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109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 08/29/19 09:17

SUBMITTED: 07/25/19 to 08/19/19

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 Levee C1
 Lab ID:
 9081943-02
 Sampled: 08/15/19 14:56

 Pressure @ Receipt:
 11.00" Hg
 Canister #:
 A21011
 Received: 08/19/19 10:08

 Comments:
 Col 1 PR-28 Start 14:40 8/14/19
 Analyzed: 08/19/19 18:06

Air Toxics by EPA Compendium Method TO-15

 Results
 MDL

 Analyte
 ppbv
 ug/m³
 Flag
 ppbv

 Chloroprene
 0.576
 2.09
 0.00858



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109 T.W. Alexander Drive, Mail Code: C304-C

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 08/29/19 09:17

SUBMITTED: 07/25/19 to 08/19/19

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 Levee C2
 Lab ID:
 9081943-03
 Sampled: 08/15/19 14:56

 Pressure @ Receipt:
 9.50" Hg
 Canister #:
 A21045
 Received:
 08/19/19 10:08

 Comments:
 Col 2 PR-26 Start 14:40 8/14/19
 Analyzed:
 08/19/19 20:14

Air Toxics by EPA Compendium Method TO-15

 Results
 MDL

 Analyte
 ppbv
 ug/m³
 Flag
 ppbv

 Chloroprene
 0.549
 1.99
 0.00858



U.S. Environmental Protection Agency - OAQPS

109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

Description: East St. John the Baptist High

Comments: PR-24 Start 14:12 8/14/19

PHONE: (919) 541-4957 **FAX:** -

Pressure @ Receipt: 8.50" Hg

SITE CODE:

FILE #: 0344.00

AQS SITE CODE:

REPORTED: 08/29/19 09:17

SUBMITTED: 07/25/19 to 08/19/19

9081943-04

Canister #: 0049

Chloroprene

Sampled: 08/15/19 14:35

Received: 08/19/19 10:08 **Analyzed:** 08/19/19 22:22

Air Toxics by EPA Compendium Method TO-15

Results ppbv ug/m³

<u>Flag</u>

<u>MDL</u> ppbv

Analyte Chloroprene

ND ND

Lab ID:

0.00858



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109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 08/29/19 09:17

SUBMITTED: 07/25/19 to 08/19/19

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 Ochsner Hospital
 Lab ID:
 9081943-05
 Sampled: 08/15/19 14:39

 Pressure @ Receipt:
 10.00" Hg
 Canister #:
 5137
 Received: 08/19/19 10:08

 Comments:
 PR-18 Start 14:20 8/14/19
 Analyzed: 08/19/19 23:26

Air Toxics by EPA Compendium Method TO-15



U.S. Environmental Protection Agency - OAQPS

109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

Analyte

Chloroprene

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

Comments: PR-33 Start 14:34 8/14/19

PHONE: (919) 541-4957 **FAX:** -**Description:** Acorn and Hwy 44

Pressure @ Receipt: 9.50" Hg

Lab ID:

9081943-06

FILE #: 0344.00

AQS SITE CODE:

SITE CODE:

REPORTED: 08/29/19 09:17

SUBMITTED: 07/25/19 to 08/19/19

Canister #: 18876

Chloroprene

Sampled: 08/15/19 14:52 **Received:** 08/19/19 10:08

Analyzed: 08/20/19 00:30

Air Toxics by EPA Compendium Method TO-15 MDL

Results

<u>Flag</u>

ppbv ug/m³ 0.0868

0.32

ppbv 0.00858

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Page 37 of 41



U.S. Environmental Protection Agency - OAQPS

109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

Description: 238 Chad Baker

Pressure @ Receipt: 9.00" Hg

FILE #: 0344.00

REPORTED: 08/29/19 09:17

SUBMITTED: 07/25/19 to 08/19/19

AQS SITE CODE:

SITE CODE: Chloroprene

Lab ID: 9081943-07 **Sampled:** 08/15/19 15:02 Canister #: N4121 **Received:** 08/19/19 10:08 Analyzed: 08/20/19 01:34

Air Toxics by EPA Compendium Method TO-15

Results

0.19

<u>Flag</u>

Analyte ppbv ug/m³ 0.0509 Chloroprene

Comments: PR-27 Start 14:47 8/14/19

ppbv 0.00858

MDL



U.S. Environmental Protection Agency - OAQPS

109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 08/29/19 09:17

SUBMITTED: 07/25/19 to 08/19/19

AQS SITE CODE:

SITE CODE: Chloroprene

Analyte	Result	Units	Source Result	RPD	RPD Limit	Notes
Air Toxics by EPA Compendium Batch B9H0509 - Summa Canister		5 - Quality Con	trol			
Blank (B9H0509-BLK1)			Prepared & Analyzed: 08/05/19			
Chloroprene	ND	ppbv				U
Duplicate (B9H0509-DUP1)	Source	: 9072501-06	Prepared: 07/22/19	Analyzed: 08/05/19		
Chloroprene	0.229	ppbv	0.25	6.96	25	
Duplicate (B9H0509-DUP2)	Source	: 9072501-07	Prepared: 07/22/19	Analyzed: 08/05/19		
Chloroprene	0.224	ppbv	0.21	8.01	25	
Duplicate (B9H0509-DUP3)	Source	: 9073109-06	Prepared: 07/28/19	Analyzed: 08/06/19		
Chloroprene	0.0954	ppbv	0.10	2.89	25	
Duplicate (B9H0509-DUP4)	Source	: 9073109-07	Prepared: 07/28/19	Analyzed: 08/06/19		
Chloroprene	0.103	ppbv	0.09	9.43	25	
Batch B9H1502 - Summa Canister	Prep					
Blank (B9H1502-BLK1)			Prepared & Analyzed	d: 08/15/19		
Chloroprene	ND	ppbv	· · ·			U
Duplicate (B9H1502-DUP1)	Source	: 9080620-06	Prepared: 08/03/19	Analyzed: 08/15/19		
Chloroprene	0.182	ppbv	0.18	3.82	25	
Duplicate (B9H1502-DUP2)	Source	: 9080620-07	Prepared: 08/03/19	Analyzed: 08/15/19		
Chloroprene	0.177	ppbv	0.18	0.511	25	
Duplicate (B9H1502-DUP3)	Source	: 9081343-06	Prepared: 08/09/19	Analyzed: 08/16/19		
Chloroprene	0.368	ppbv	0.37	0.517	25	
Duplicate (B9H1502-DUP4)	Source	: 9081343-07	Prepared: 08/09/19	Analyzed: 08/16/19		
Chloroprene	0.371	ppbv	0.37	1.17	25	
Batch B9H1909 - Summa Canister	Prep					
Blank (B9H1909-BLK1)	•		Prepared & Analyzed	d: 08/19/19		
Chloroprene	ND	ppbv	. ,			U
Duplicate (B9H1909-DUP1)	Source	: 9081943-02	Prepared: 08/15/19	Analyzed: 08/19/19		
Chloroprene	0.567	ppbv	0.58	1.56	25	
Duplicate (B9H1909-DUP2)	Source	: 9081943-03	Prepared: 08/15/19	Analyzed: 08/19/19		
Chloroprene	0.544	ppbv	0.55	0.970	25	

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U.S. Environmental Protection Agency - OAQPS

109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 08/29/19 09:17

SUBMITTED: 07/25/19 to 08/19/19

AQS SITE CODE:

SITE CODE: Chloroprene

Analyte	Result	Units	% Difference	Limit (%)	Notes
Air Toxics by EPA Compe Sequence 1908009	ndium Method TO-15	- Quality Cor	ntrol		
Calibration Check (190800	09-CCV1)	ı	Prepared & Analyze	ed: 08/05/19	
Chloroprene	2.58	ppbv	4.1	30.00	
Sequence 1908040					
Calibration Check (190804	40-CCV1)	ı	Prepared & Analyze	ed: 08/15/19	
Chloroprene	2.64	ppbv	6.6	30.00	
Sequence 1908052					
Calibration Check (190805	52-CCV1)	ı	Prepared & Analyze	ed: 08/19/19	
Chloroprene	2.68	ppbv	8.1	30.00	



U.S. Environmental Protection Agency - OAQPS FILE #: 0344.00

109 T.W. Alexander Drive, Mail Code: C304-0 REPORTED: 08/29/19 09:17

RTP, NC 27709 SUBMITTED: 07/25/19 to 08/19/19

ATTN: Ms. Doris Chen & Ms. Fran Verhalen AQS SITE CODE:

PHONE: (919) 541-4957 **FAX:** - **SITE CODE:** Chloroprene

Notes and Definitions

U Under Detection Limit
ND Analyte NOT DETECTED

NR Not Reported

MDL Method Detection Limit
RPD Relative Percent Difference

Note: The test results meet all requirements of NELAC; however the following analytes are not accredited: 1,2,4-trimethylbenzene, 1,2-dibromoethane, 1,2-dichloropropane, 1,3,5-trimethylbenzene, 1,3-butadiene, acetylene, acrolein, bromochloromethane, bromodichloromethane, bromoform, carbon disulfide, dibromochloromethane, dichlorodifluoromethane, dichlorotetrafluoroethane, ethyl tert butyl ether, ethylene oxide, hexachloro-1,3-butadiene, n-octane, propylene, tert amyl methyl ether, tetrachloroethylene, trans-1,2-dichloroethylene, trichlorofluoromethane, and trichlorotrufluoroethane.